

19. (Amended) An isolated nucleic acid molecule comprising at least 30 contiguous nucleotides of SEQ ID NO:1, wherein the 30 contiguous nucleotides include position 89837 of SEQ ID NO:1, and wherein position 89837 of SEQ ID NO:1 is 'T' instead of 'C'.

B1 20. (Amended) An isolated nucleic acid molecule comprising SEQ ID NO:1, wherein position 89837 of SEQ ID NO:1 is 'T' instead of 'C'.

21. (Amended) An isolated nucleic acid molecule comprising positions 89803-89988 of SEQ ID NO:1, wherein position 89837 of SEQ ID NO:1 is 'T' instead of 'C'.

B2 26. (Amended) A nucleic acid probe that is complementary over the entire length of said probe to a segment of SEQ ID NO:1 that includes position 89837 of SEQ ID NO:1, wherein position 89837 of SEQ ID NO:1 is 'T' instead of 'C', such that the probe hybridizes under high stringency conditions to a nucleic acid molecule comprising said segment of SEQ ID NO:1 but does not hybridize to a nucleic acid molecule comprising said segment of SEQ ID NO:1 having a 'C' at position 89837, wherein said high stringency conditions are hybridization in 6X sodium chloride/sodium citrate (SSC) at about 45 °C, followed by one or more washes in 0.2 X SSC, 0.1% SDS at 50-65 °C.

B3 32. (Amended) The probe of claim 26, wherein the probe is detectably labeled.

Please add the following new claims 37-40:

37. An isolated nucleic acid molecule that is entirely complementary to the nucleic acid molecule of claim 18.

B4 38. An isolated nucleic acid molecule that is entirely complementary to the nucleic acid molecule of claim 19.

BY 39. An isolated nucleic acid molecule that is entirely complementary to the nucleic acid molecule of claim 20.

40. An isolated nucleic acid molecule that is entirely complementary to the nucleic acid molecule of claim 21.

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